

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated October 19, 2006, has been received and its contents carefully reviewed.

Claims 1-20 are rejected to by the Examiner. Claims 1 and 11 have been amended. Claims 1-20 remain pending in this application.

In the Office Action, claims 1-5, 7-15 and 17-20 are rejected under 35 U.S.C. § 103(a) as being unpatentable over United Kingdom Patent No. GB 2,325,329 to Ahan (hereinafter "Ahan") in view of U.S. Patent No. 4,800,375 to Silverstein et al. (hereinafter "Silverstein"). Claims 6 and 16 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Ahan in view of Silverstein and further in view of U.S. Patent No. 6,628,253 to Hiroki (hereinafter "Hiroki").

The rejection of claims 1-20 is respectfully traversed and reconsideration is requested. Claims 1-10 are allowable over the cited references in that each of these claims recites a combination of elements including, for example, "consecutively providing the color data signals having a same color to the contiguous data lines by the demultiplexer unit before applying a different color signal, wherein the consecutively provided color data signals are applied to non-adjacent data lines with a substantially same holding period." Claims 11-20 are allowable over the cited references in that each of these claims recites a combination of elements including, for example, "the demultiplexer unit consecutively providing the color data signals having a same color to contiguous data lines before applying a different color signal, wherein the consecutively provided color data signals are applied to non-adjacent data lines with a substantially same holding period." None of the cited references including Ahn and Silverstein, singly or in combination, teaches or suggests at least this feature of the claimed invention.

In Ahn the multiplexer consecutively provides color data signal to adjacent data lines. This is contrary to the present invention where "the consecutively provided color data signals are applied to non-adjacent data lines with a substantially same holding period." Further, in the present invention, the demultiplexer unit applies the consecutively provided color data signal to non-adjacent data lines to prevent the degradation of picture quality due to the leakage currents that result from the different holding periods of the consecutively provided color data signals. None of the cited references teach or suggest at least this feature of the claimed invention.

Accordingly, Applicant respectfully submits that claims 1-20 are allowable over the cited references.

Further, as Hiroki fails to cure the deficiencies of Ahn and Silverstein described above, claims 6 and 16 are allowable over the cited art.

Applicants believe the foregoing amendments place the application in condition for allowance and early, favorable action is respectfully solicited.

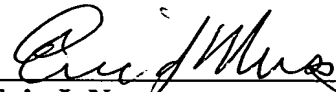
If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. § 1.136, and any additional fees required under 37 C.F.R. § 1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. *A duplicate copy of this sheet is enclosed.*

Respectfully submitted,

Dated: January 18, 2007

By


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